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INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

US EPA RECORDS CENTER REGION 5



466879

105 South Meridian Street

P.O. Box 6015

Indianapolis

46206-6015

Telephone

317-232-8603

October 19, 1989

Mr. Larry Hagen, Vice President
Gary Development Corporation
P.O. Box 6056
Gary, IN 46406

Re: Technical Enforcement Guidance
Document (TEGD) Monitoring Well
Installation and Sampling Procedures

Dear Mr. Hagen:

Please find enclosed construction details, installation instructions, data collection requirements, and sampling and analyses procedures for ground water monitoring wells as promised per your phone conversation of September 11, 1989, with Mr. Ed Gefell, Geologist on my staff. This information comes from the U.S. Environmental Protection Agency (U.S. EPA) Technical Enforcement Guidance Document (TEGD) and is for your reference in planning and installing an adequate ground water monitoring well system at the Gary Development Corporation (GDC) Landfill. IDEM and the U.S. EPA require a minimum of one up-gradient well and three down-gradient wells for both RCRA hazardous and solid waste facilities as Ed explained over the phone. Wells that do not meet IDEM performance standards are unacceptable. You should contact drilling contractors/consultants and provide them with copies of the enclosed map, site geologic information, and well construction details, and solicit preliminary bid estimates. Ed will contact you regularly to help you through this process. If you have any questions, you can reach Ed at AC 317-232-7957.

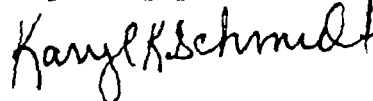
An adequate ground water monitoring well system and sampling and analyses plan assures the owner/operator and the IDEM that sufficient ground water sample data of adequate quality are obtained to characterize ground water contamination patterns and flow directions at a facility. An acceptable monitoring well system and sampling and analyses plan (including RCRA hazardous waste parameters) would address a major and fundamental complaint of the State and the U.S. EPA with Gary Development Corporation and would assure

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accessibility of acceptable ground water samples in the future. Ed will work with you and we look forward to an adequate ground water monitoring well system at the Gary Development Corporation Landfill.

Very truly yours, .



Karyl K. Schmidt, Chief
Geology Section
Technical Support Branch
Solid and Hazardous Waste Management

Enclosures

cc: Ms. Fayola Wright, U.S. EPA, Region V
~~Mr. Jon Cooper, U.S. EPA, Region V~~
Lake County Health Department
S. Schafer, IDEM
T. Warner, IDEM
B. Malone, IDEM Enforcement
S. Miller, IDEM

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